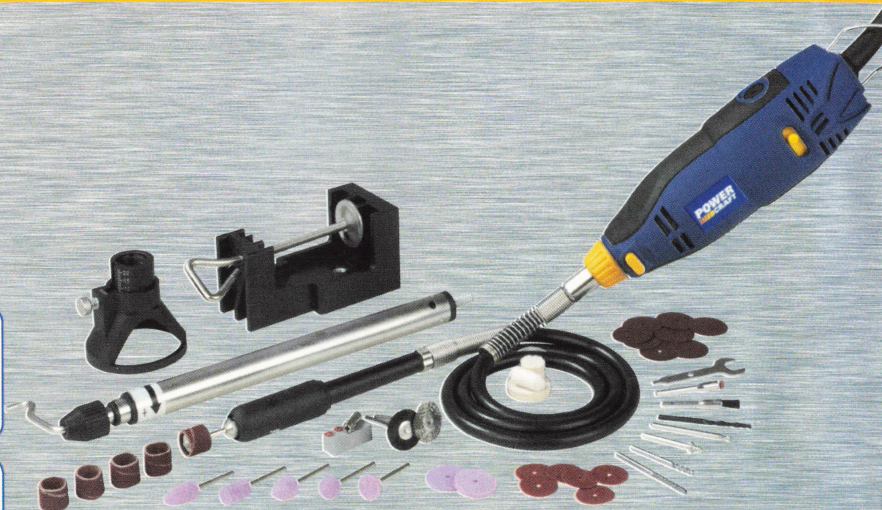


User Guide & Warranty

160W COMBITOOL



After Sales Support

Now you have purchased a Power Craft product you can rest assured in the knowledge that as well as your 3 year parts and labour warranty you have the added peace of mind of dedicated helplines and web support.

AFTER SALES SUPPORT

UK / N.IRELAND HELPLINE NO 0870 7323023

REP. IRELAND HELPLINE NO 1800 481005

WEB SUPPORT www.omegawolf.com/powercraft

MODEL NUMBER: PCT-160

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Introduction

Congratulations on choosing to buy a PowerCraft product.

By doing so you now have the assurance and peace of mind that comes with purchasing a product made by one of Europe's leading manufacturers.

All products brought to you by PowerCraft are manufactured to the highest standards of performances and safety, and, as part of our philosophy for customer service and satisfaction, are backed by our comprehensive 3 Year Warranty.

We hope you will enjoy using your purchase for many years to come.

160W COMBITOOL



Always read the instructions for electrical products carefully before use. It will help you understand your product better and avoid unnecessary risks. Keep this instructions manual in a safe place for future use.

This appliance is developed for DIY-use and can be used e.g. for drilling small holes in wood or synthetic materials, engraving of glass, grinding of bolts, polishing smooth surfaces etc.

Machine specifications

Technical specifications

Voltage	230 V~
Frequency	50 Hz
Power input	160 W
No load speed/min	10000 - 35000 rpm
Capacity of collet	3.2 + 2.4 mm
Weight	0.76 kg
Lpa(sound pressure)	69 dB(A)
Lwa(sound power)	80 dB(A)
Vibration value	2.1 m/s ²

Product information

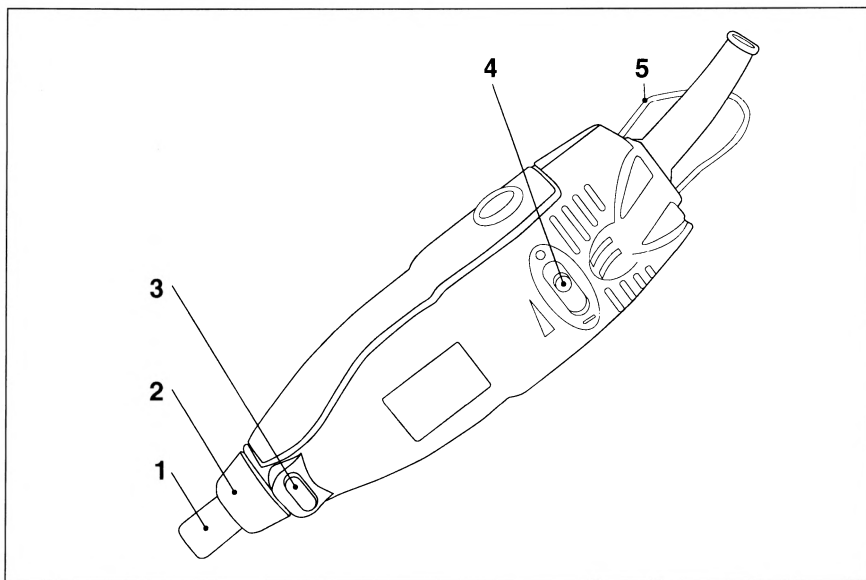


Fig. 1

Machine specifications

1. Collet chuck
2. Ring
3. Spindle lock
4. Speed adjusting switch
5. Clip

Package contents

- 1 Combitool
- 40 Accessories
- 1 Collet spanner
- 1 Flexible drive shaft
- 1 Telescopic stand
- 1 Table clamp
- 1 Plastic tile cutter base
- 1 Ceramic tile cutter
- 1 Case
- 1 Users manual
- 1 Guarantee card

Check the machine, loose parts and accessories for transport damage.

Safety instructions

The following pictograms are used in these instructions for use:



Read the instructions carefully.



Conformity with the relevant EU safety directives.



Class II machine - double insulation - earth connection not required.



Danger of life and risk of injury as well as risk of damage to the machine in case of non-adherence to the safety instructions in these instructions of use.



Danger of electric shock.



Remove the plug from the mains socket.



The number of revolution of the machine can be electronically set.



Wear ear protection.



Wear eye protection.



Faulty and/or discarded electrical or electronic machine have to be collected at the appropriate recycling locations.

General safety instructions

Caution! Read all instructions. The non-observation of the instructions mentioned below may cause an electric shock, fire and/or severe injuries. The term "electric tool" mentioned below refers to mains-operated electric tools (with power cord) and to rechargeable electric tools (without power cord).

Safety instructions

Keep these instructions for use in a safe place.

1) Workplace

- (a) Keep your workplace clean and tidy. Untidy and badly illuminated work areas may lead to accidents.
- (b) Do not operate this machine in potentially explosive environments containing combustible liquids, gases or dusts. Electric tools send out sparks which may ignite dust or vapours.
- (c) Keep children and other persons away from the electric tool during use. When distracted, you may lose control over the apparatus.

2) Electric safety

- (a) The plug of the machine has to be suitable for the socket. The connector may not be modified in any way. Do not use an adapter plug together with earthed devices. Unchanged connectors and fitting sockets reduce the risk of an electric shock.
- (b) Avoid body contact to earthed surfaces, such as pipes, radiator, stoves and refrigerators. There is a higher risk of an electric shock, if your body is earthed.
- (c) Keep the machine clear of rain or humidity. The penetration of water into an electrical device increases the risk of an electric shock.
- (d) Do not use the cable for unintended purposes, to carry or suspend the machine or to pull the connector out of the socket. Keep the cable clear of heat, oil, sharp edges or any moving parts. Damaged or entangled cables increase the risk of an electric shock.
- (e) When using an electric tool in the open, use an extension cable only which has been approved for outdoor use. The use of an extension cable suitable for use in the open will reduce the risk of an electric shock. Always use an RCD (residual current device or circuit breaker).
- (f) Hold the machine at the insulated gripping surfaces as the belt grinder may hit its own power cord. Damaging a live cable may make metal machine parts live, which may lead to an electric shock.

3) Personal safety

- (a) Please pay attention and watch what you are doing, and carry out the work with the electric tool sensibly. Do not use the machine, when you are tired or under the influence of drugs, alcohol or medicine. A moment of carelessness in the use of the machine could lead to serious injuries.
- (b) Wear your safety equipment and always put on safety goggles. Wearing personal protective gear, such as dust mask, anti-skid safety shoes, hard

Safety instructions

hat and ear protection, depending on the type of use of the electric tool, will reduce the risk of injury.

- (c) Avoid unintentional operation. Make sure that the switch is in the "OFF" position before you remove the plug from the socket. If you have your finger on the switch when carrying the machine or if you connect the running machine to the socket, this may lead to accidents.
- (d) Remove the adjusting tools or the spanners before switching on the machine. A tool or a key which is located in a revolving part of the machine may lead to injuries.
- (e) Concentrate at all times. Ensure a safe stand and keep your balance at all times. In this case you will be able to control the machine better in unexpected situations.
- (f) Wear suitable clothing. Do not wear any loose clothing or jewellery. Keep your hair, clothing and gloves clear of any moving parts.
- (g) If dust extraction or collection devices can be mounted, make sure that they are connected properly and are used in the proper way. The use of these pieces of equipment reduce hazards caused by dust.

4) Careful handling and use of electric tools

- (a) Use the correct tool for the job at hand.
- (b) Do not use an electric tool, if the switch is defective. An electric tool, which cannot be switched on or off, is dangerous and has to be repaired.
- (c) Remove the plug from the socket before setting down the machine, changing accessories or putting the machine aside. This precautionary measure prevents the unintentional start of the machine.
- (d) Keep unused electric tools out of reach of children. Do not permit persons to use the machine who are not familiar with it or who have not read these instructions. Electric tools are dangerous, if they are used by inexperienced persons.
- (e) Maintain the machine with care. Please check whether the movable parts are perfectly operational and do not jam, whether parts have broken or have been damaged in such a way that the function of the machine is impaired. Have damaged parts repaired prior to using the machine. Many accidents are caused by electric tools which are poorly maintained.
- (f) Keep all cutting tools sharp and clean.
- (g) Use the electric tool, the accessories, the insert tools, etc according to these instructions, and in the way described for this special type of apparatus. In the process, take the working conditions and the work to

Safety instructions

be carried out into consideration. Only use this belt sander for the purpose for which it is intended.

- (h) Use clamps or vice to hold work. It is safer then using your hands and frees both hands to operate the tool.

5) Servicing

- (a) Have your machine repaired by qualified expert staff using original spare parts only.
- (b) Caution! The use of accessories or add-on devices other than those recommended in these instructions may mean a risk of injury. Use original spare parts only.



Always check that the power supply corresponds to the voltage on the rating plate.



Class II machine - Double insulation - You don't need any earthed plug.

Additional Safety Instructions

- Only use an approved extension cable suitable for the power input of the machine. The minimum conductor size is 1.5 mm². When using a cable reel, always unwind the reel completely.
- When the mains cord is damaged, it has to be replaced by an authorized repair centre, to prevent dangerous situations.
- Always keep the cord away from the moving parts of the machine.
- In the case of locking, switch the machine off immediately and remove the plug from the mains.
- Compare the maximum number of revolutions allowed of the accessories with the number of revolutions of the machine.
- When you put the machine away the engine must be switched off and moving parts must have reached a standstill.
- Never attach an assembly spanner to your machine with a piece of string or anything similar.
- Never use the axle locking button if the machine is operating.
- Make sure that the collet diameter is the same as the axle diameter of the accessory.
- Use a clamping device for securing the work piece.
- Keep your hands away from the work piece.

Operation



Before assembly always remove the plug from the mains.

Assembly

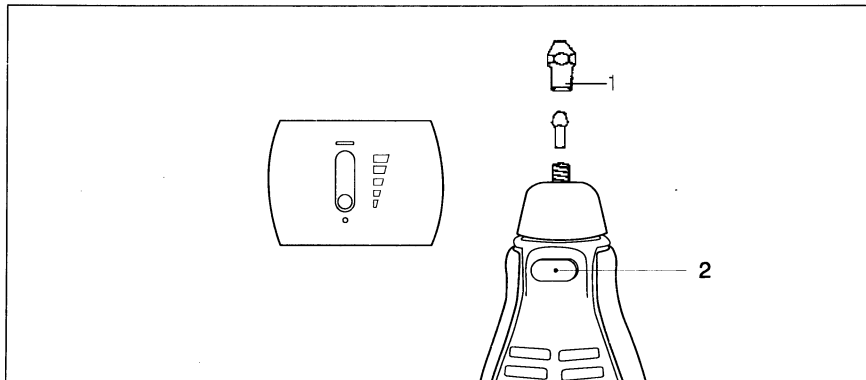


Fig. 2

Press down the spindle lock button (2) and hold it down. The collet (1) can be released by using the collet spanner. Put the accessory in its place. Hold down the spindle lock button when fastening the collet with the collet spanner.



Never operate the spindle lock button if the engine is still rotating.

Switch on/off and regulate the speed of the Combital tool by adjusting the speed adjusting switch (Fig.1, 4)



Too high a load at a low speed of the Combital tool can burn out the engine.

Operation

Holding and guiding the tool

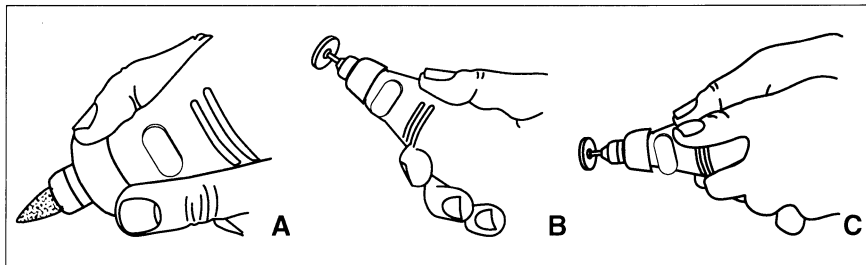


Fig. 3

- For precision work (engraving): pencil grip (A)
- For rough work (grinding): paring knife hand grip (B)
- When you need to keep the tool parallel to the work surface (e.g. using a cut-off wheel): 2 hand golf grip (C)

Mounting the flexible shaft

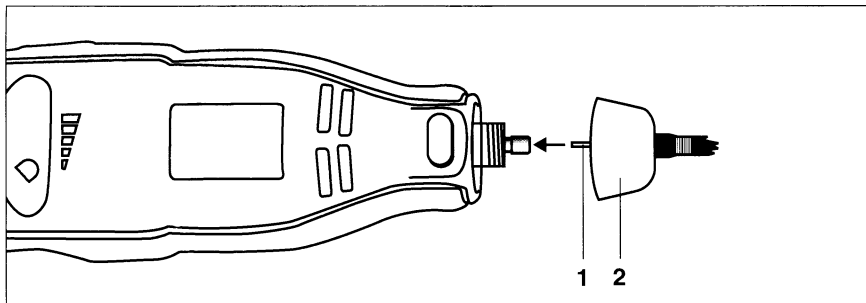


Fig. 4a

- Screw the black ring off the chuck and remove it.
- Mount the flexible shaft on the Combital, placing the inner shaft (1) in the chuck. The black ring of the flexible shaft (2) can then be fastened onto the Combital.



Never operate the axle locking button if the engine is still rotating.

Operation

Mounting the stand for the combitool

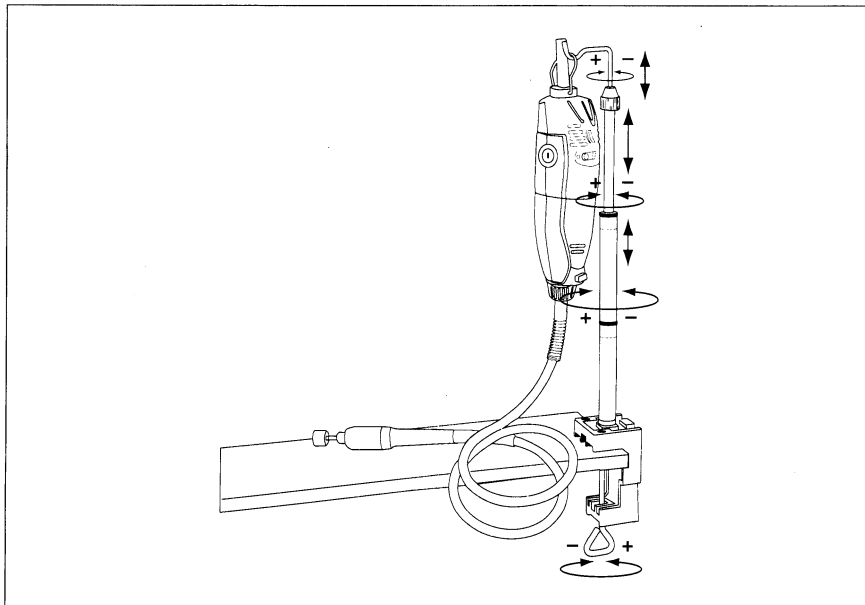


Fig. 4b

- Mount the stand on the side of a workbench or worktop with a maximum thickness of 55 mm.
- The height of the stand is adjustable. Loosen the top tube of the stand by turning it anticlockwise. Draw the tube out to its maximum height and secure it by turning the tube clockwise.
- The height of the suspension bracket is adjustable by loosening the black knob. After adjusting the suspension bracket to the correct height, retighten the knob.
- Attach the Combitool to the suspension bracket of the stand; this suspension bracket can be turned 360°.

Operation

Powercraft does not deliver spare accessories for the Combitoool. The Combitoool is designed to use standard accessories (with collet diameter 3,2 or 2,4 mm). Always check that the maximum rpm of the accessory is suitable for the maximum speed of the Combitoool.

Some hints in regard to speed

Always practice on a piece of scrap to choose the correct accessory and the optimum operational speed.

- Use low speed (with respect to high temperatures) with plastics and other materials with a low melting temperature.
- Use low speed (with respect to damaging the brushes) during cleaning, polishing and brushing.
- Use high speed when working with steel or iron.

Tip for cutting: Use paraffin or other suitable lubricant on the cutter to prevent the cut material from adhering to the cutter teeth.

Speed setting

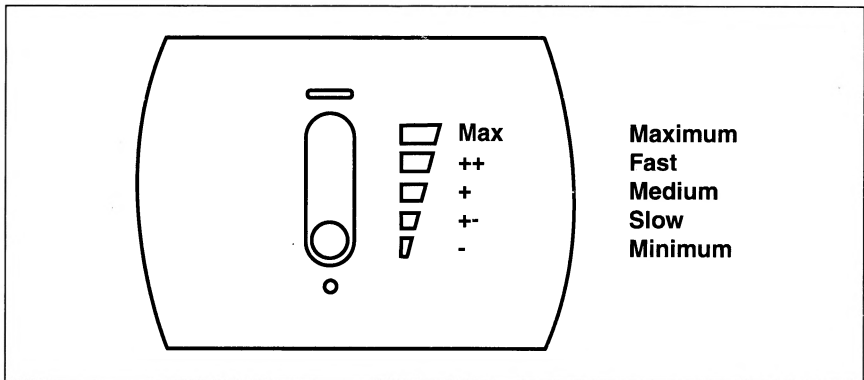


Fig.5

Operation

Accessories use

Grinding stones

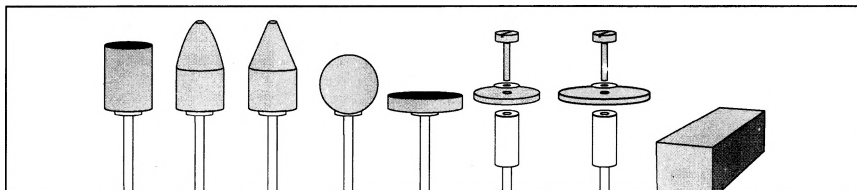


Fig.6

When using a grinding stone the first time, use the dressing stone to balance it. The dressing stone can also be used for cleaning the surface or to give the grinding stone a special shape.

Material	Speed setting
Stone, shell	-
Steel	++
Aluminium, brass	-
Plastic	-

Felt wheels

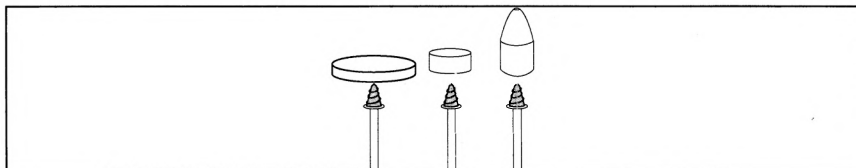


Fig.7

The felt wheels or tip should be screwed on the mandrel.

Material	Speed setting
Steel	+
Aluminium, brass	, +
Plastic	+

Operation

Sanding bands and disc

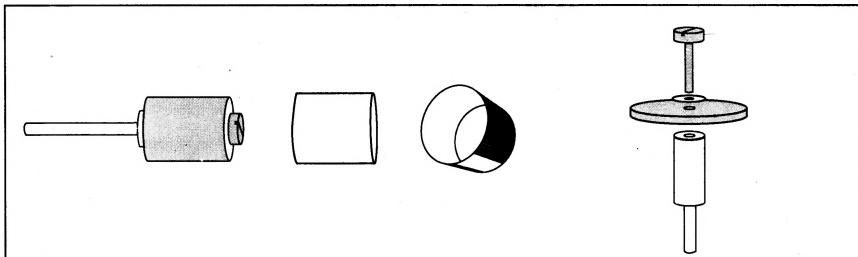


Fig.8

Material	Speed setting
Wood	++
Steel	-
Aluminium, brass	+-
Plastic	-

Stainless steel brushes and bristle brush

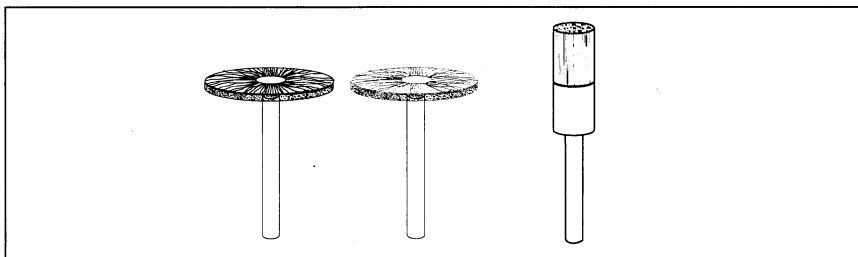


Fig.9

Material	Speed setting
Stone, shell	-
Aluminium, brass	-

Operation

High speed cutter, Diamond wheel point and Drill

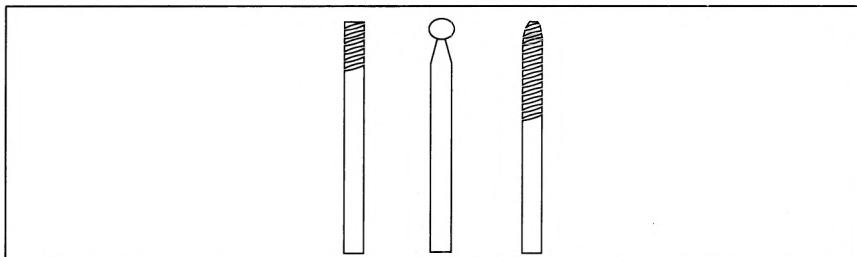


Fig.10

Material	Speed setting
Stone, shell	Max
Steel	+-
Aluminium, brass	++
Plastic	-

Abrasive disc

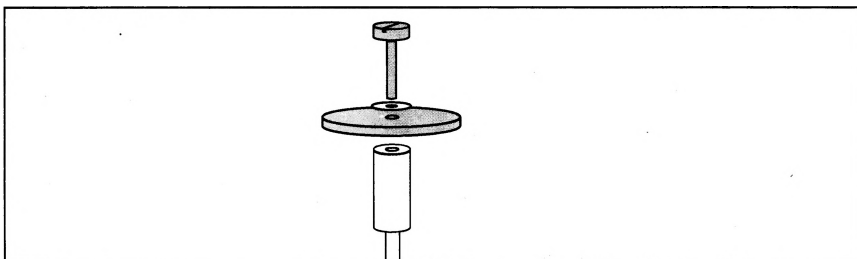


Fig.11

Material	Speed setting
Steel	+
Aluminium, brass	+-
Plastic	+

Operation

Tile cutting set

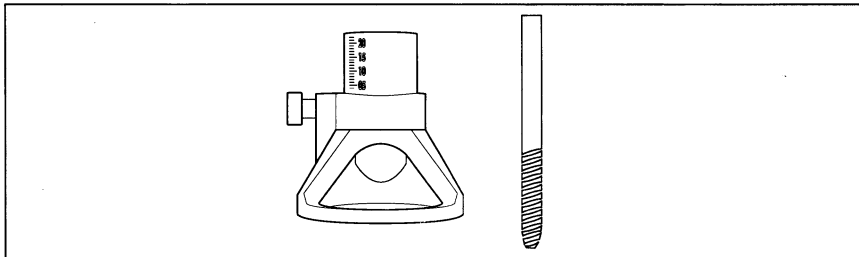


Fig. 12

With help of a special accessory the combitool can be used for cutting tiles (a special cutter for tiles is also enclosed). Like this the combitool can cut easily shapes from ceramic tiles (apertures for wall sockets etc.).

Maintenance



Disconnect the machine from the mains before carrying out cleaning and maintenance work.

This machine has been designed to operate over a long period of time with a minimum of maintenance. Continuous satisfactory operation depends upon proper machine care and regular cleaning.

Cleaning

Regularly clean the machine housing with a soft cloth, preferably after each use. Keep the ventilation slots free from dust and dirt. If the dirt does not come off use a soft cloth moistened with soapy water. Never use solvents such as petrol, alcohol, ammonia water, etc. These solvents may damage the plastic parts.

Lubrication

The machine requires no additional lubrication.

Faults

Should a fault occur, please contact the address on the warranty card. On the back page of this manual you find an exploded view showing the parts that can be ordered.

Environment

In order to prevent the machine from damage during transport, it is delivered in a sturdy packaging. Most of the packaging materials can be recycled. Take these materials to the appropriate recycling locations.

Maintenance

Troubleshooting

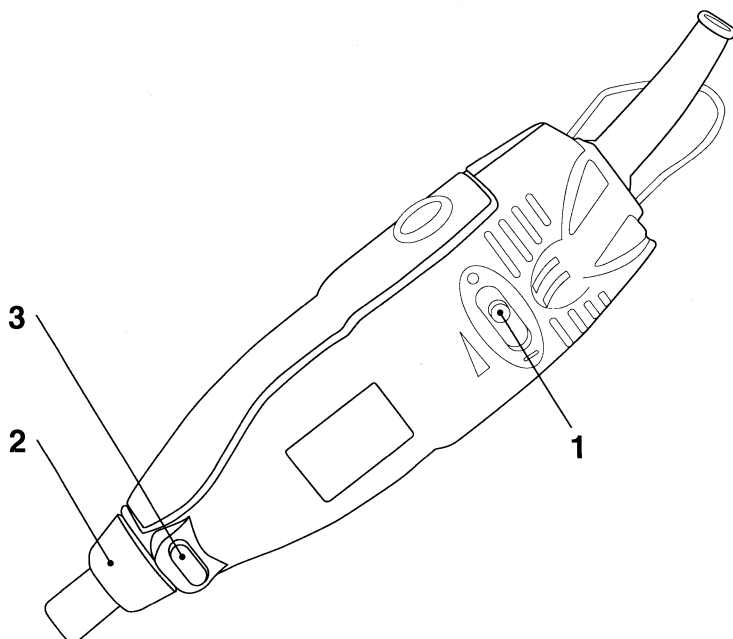
<ul style="list-style-type: none"> • The operating switch is switched on, but the motor is not working 	<ul style="list-style-type: none"> • The electric circuit is broken • Wires in the mains plug or in the socket are loose • The switch is faulty 	<ul style="list-style-type: none"> • Have the electric circuit repaired • Have socket and plug checked or repaired • Have the switch repaired
<ul style="list-style-type: none"> • Combitool runs slowly 	<ul style="list-style-type: none"> • Blunt or damaged accessory • Variable speed set low • Motor is overloaded 	<ul style="list-style-type: none"> • Replace accessory • Increase variable speed • Reduce pushing force on combitool
<ul style="list-style-type: none"> • Excessive vibration 	<ul style="list-style-type: none"> • Bent shank of accessory 	<ul style="list-style-type: none"> • Replace shank with accessory
<ul style="list-style-type: none"> • Sparks inside the housing 	<ul style="list-style-type: none"> • Carbon brushes are worn 	<ul style="list-style-type: none"> • Replace the carbon brushes



Faulty and/or discarded electrical or electronic machines have to be collected at the appropriate recycling locations.

Helpline No. UK / Northern Ireland 0870 7323023 • Rep. Ireland 1800 481005
Web support: www.omegawolf.com/powercraft
Model Number: PCT-I60

Exploded view



Parts list

No.	Description	Position
1	Switch	408870
2	Collet nut	408871
3	Spindle lock	408872
-	Collet 3,2 mm	406683
-	Collet 2,4 mm	406684

Warranty

EC DECLARATION OF CONFORMITY



We Firm B.V.

Lingenstraat 6, 8028 PM Zwolle, The Netherlands

declare that the design and construction of the following machine, in the form supplied by us, comply with the requirements of the appropriate EC directives.

Product Description: **160W COMBITOOL**

Model: **PCT-160**

Appropriate EC directives: **EN60745-1, EN60745-2-3, EN55014-1, EN55014-2, EN61000-3-2, EN61000-3-3**

Applicable harmonised norms: **98/37/EC, 73/23/EEC, 89/336/EEC, 2002/95/EC, 2002/96/EC**

J.A. Bakker - van Ingen
CEO Firm B.V.

J. Lodewijk
Quality Manager Firm Global

12/2007

WARRANTY CERTIFICATE

Year of manufacture: **12/2007** **COMBITOOL PCT-160**

Congratulations! You have made an excellent choice with the purchase of this Quality product. Our commitment to quality also includes our service. Should you, contrary to expectations, experience defects due to material or manufacturing faults during private use within 36 months of the date of purchase we shall be liable for warranty in accordance with statutory warranty regulations, provided that: - The device was not put to any use other than the intended. - Was not overloaded. - Was not used with the wrong accessories. - Repairs where not carried out by any other than the authorised workshop. The warranty certificate is only valid in connection with the receipt. Please keep both in a safe place. The warranty does not affect your statutory rights.

The product is guaranteed for a period of three years beginning on the day of purchase. Keep your purchase receipt safe as proof of the date of purchase. The guarantee period can only be extended for the duration of any repair required.

During the warranty period, defective devices can be sent **FREIGHT PREPAID** to the service address stated at the end of this booklet. We will, at our discretion either repair or exchange the device in accordance with warranty legislation.

Please include the following when sending in your product for repair:

1. The receipt (proof of purchase)
2. This warranty certificate with your name, address, contact details and a fault description completed overleaf.

If the original receipt is not enclosed the repair will be charged for in all cases. After the warranty has expired you can still send defective devices for repairs **FREIGHT PREPAID** to the address at the end of this booklet. Quotes as well as repairs after warranty period are to be paid for in all cases. Ensure the product is sent well packed as no responsibility can be accepted for items lost or damaged in transit. This warranty does not affect your statutory rights.



If you are requested by the manufacturer to return the item for repair please complete the enclosed section and send it together with your product and your receipt (proof of purchase) to the service address shown below.

Name: _____

Address: _____

Contact Telephone No.: _____

E-mail: _____

Location of purchase: _____

Fault Description: _____



In order to deal with your enquiry as quickly and efficiently as possible, we ask you to send your enquiry by email (technical@omegawolf.co.uk). Do not forget to include your name, address and a daytime telephone number.

Alternatively, you can contact our freephone service hot-line on the number given below.

Office hours are as follows:

Mon - Fri: 8 am - 6 pm, Sat: 10 am - 2 pm, Sun: 10 am - 4 pm

UK / NORTHERN IRELAND HELPLINE:

0870 7323023

REPUBLIC OF IRELAND HELPLINE:

1800 481005

WEB SUPPORT:

www.omegawolf.com/powercraft

Omega, Interex House, Prospect Close, Lowmoor Business Park
NG17 7LF Kirkby In Ashfield, England

Replacements or repairs under guarantee regulations are free of charge.



160W COMBITOOL

PCT-160

QUICK START GUIDE

Easy steps to getting started.

1. Read the instruction manual to ensure you understand all safety aspects of using your Power Craft 160W Combitool.
2. Check first that all parts are present.
3. Select the required accessory and press down the spindle lock button. Release the collet by using the collet spanner. Put the accessory in its place. Hold down the spindle lock button when fastening the collet with the collet spanner. Please read the instructions on page 10 of the manual carefully to make sure all parts are mounted correctly.
4. Check the speed lever for the correct required speed level. In the manual you will find the correct speed settings per accessory.
5. Insert the plug and press in the lock-off switch to engage the main switch to start the machine.
6. If in doubt please refer to the user manual.



**160W
COMBITOOL**

PCT-160

AFTER SALES SUPPORT

After sales support lines

UK/NORTHERN IRELAND

0870 - 7323023

REPUBLIC OF IRELAND

1800-481005

www.omegawolf.com/powercraft